

# COVID-19

## Return to School Update

### 11/05/2020

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# Today



- Enter your questions in the **QUESTION BOX** – we cannot respond to raised hands
- You asked:
  - More on new reporting and contact tracing
  - Testing questions
  - Interpreting and acting on worsening data

# COVID-19 in Arizona and US

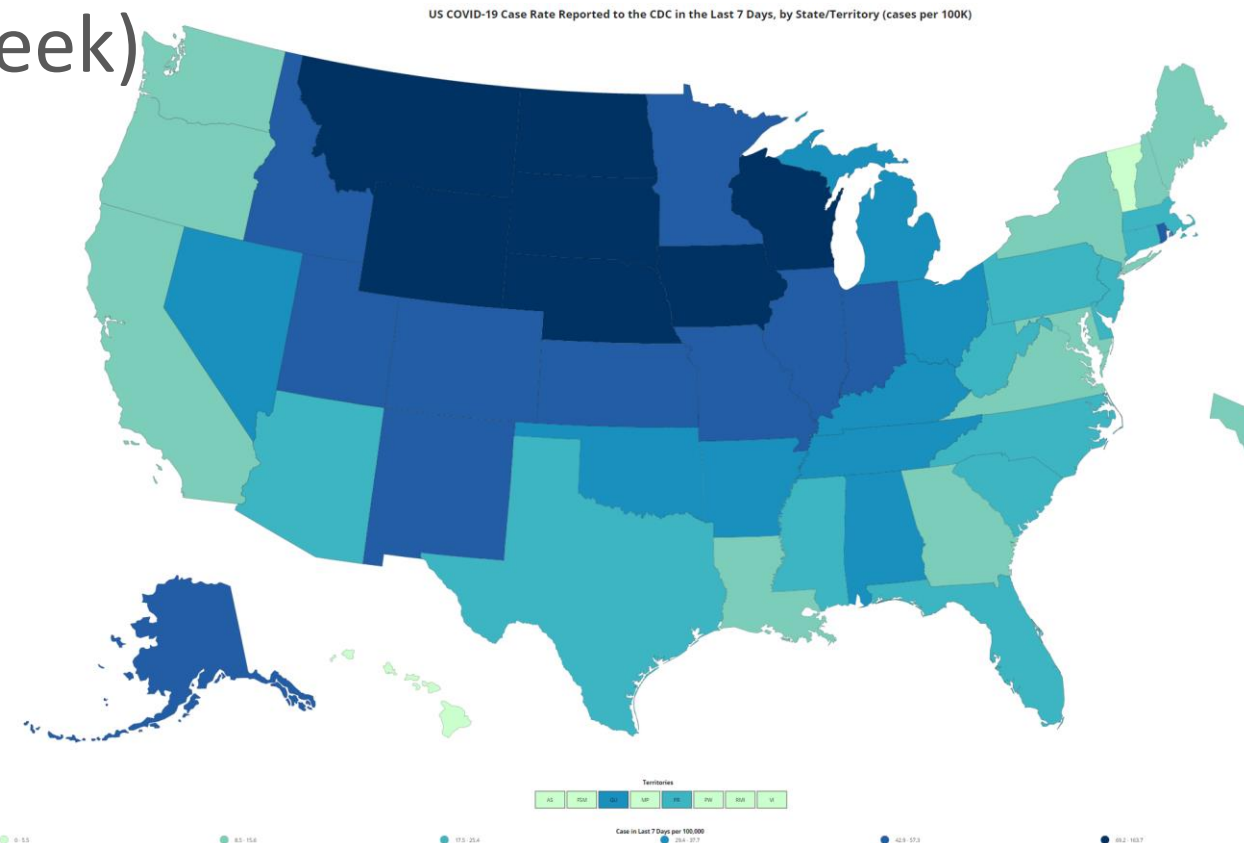


## ARIZONA

- 252,768 cases (+10,288 past week)
  - Confirmed and probable
  - Case counts continue to rise
- 6,087 deaths

## National Data from CDC

- 9,463,782 Total Cases
- 233,129 Total Deaths
- 623,390 Cases in Last 7 Days



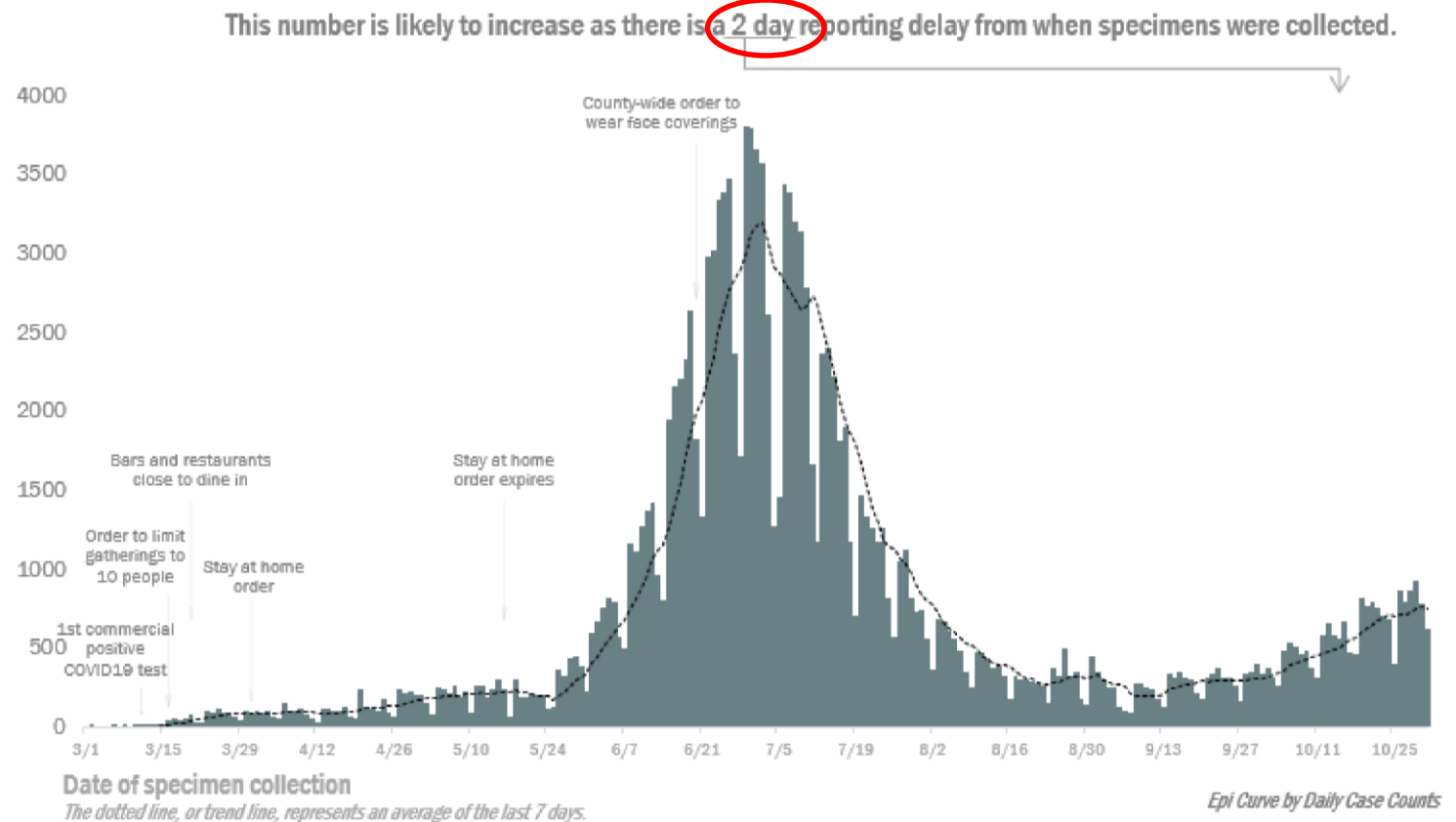
# COVID-19 in Maricopa County



- 162,945 cases in Maricopa County
  - Confirmed + probable
  - +6,212 from last week
- 3,660 (2%) deaths

## Age group

0-19 years	21705	(13%)	
20-44 years	80089	(50%)	
45-64 years	42834	(26%)	
65+ years	16832	(10%)	
Unknown	265	(0%)	



# COVID-19 Rate in Maricopa County



## *Maricopa County Case Rates Per 100,000 People*

Most Recent Week's Rate Benchmark: Dates 10/8/20 - 10/24/20

**115** cases per 100,000 Maricopa County residents per week



Prior Week's Rate Benchmark: Dates 10/11/20 - 10/17/20

**89** cases per 100,000 Maricopa County residents per week



- Case rate has increased to >100 cases per 100k for Maricopa County
- Please review AIA guidance for how this impacts athletic teams



# Lab Testing Data – Maricopa County

All tests completed for COVID-19

1,295,484

All tests reported yesterday in Maricopa County

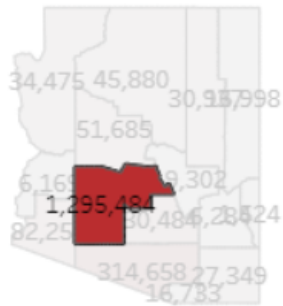
9,202

Total % Positive COVID-19 All Tests

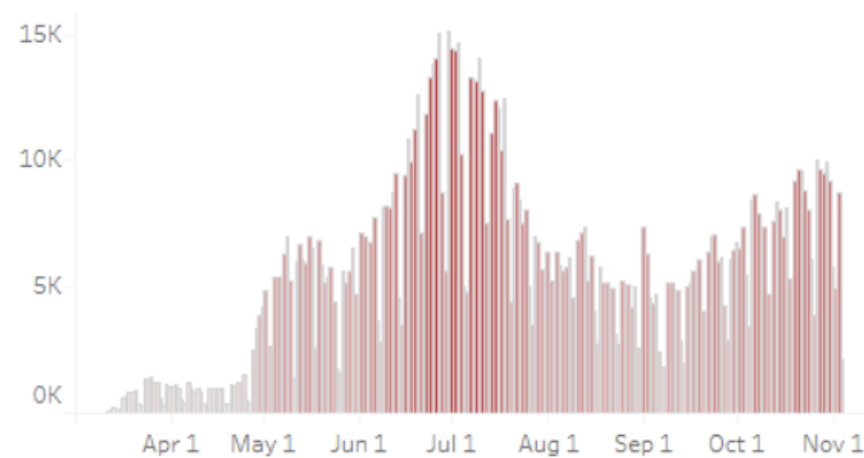
10.6%

All tests by county

Select a county to filter the data. Hover over a county for more details.



All tests by date of collection



All Testing by Age Group

Less than 20 years	170,390
20 - 44 years	551,101
45 - 54 years	193,907
55 - 64 years	174,497
65 years and older	202,859
Unknown	2,730

COVID-19 tests completed and percent positive by week

Percent positive is defined as number of people with a positive test result, reported electronically out of all people with COVID-19 testing reported electronically completed in AZ. Diagnostic tests include PCR and antigen testing.

Total % Positive COVID-19 Diagnostic Tests

11.2%



Data updated 11/5/20

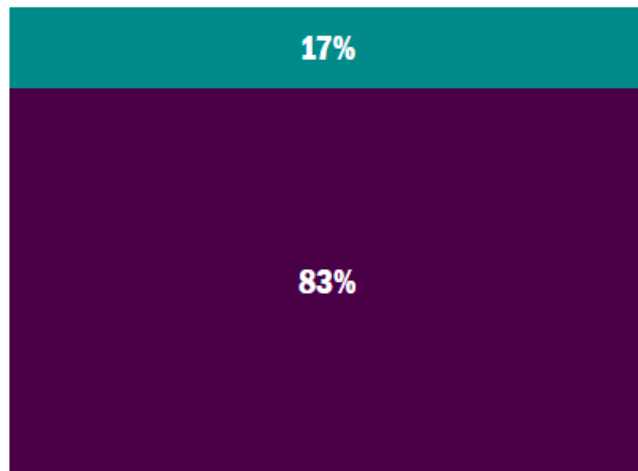
# Schools Outbreak Dashboard



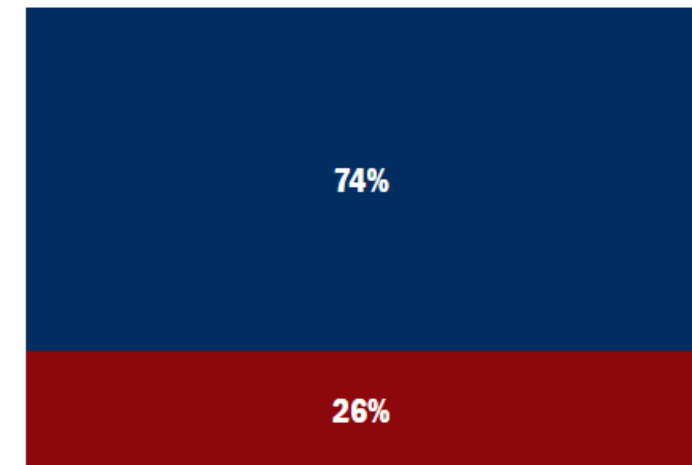
Since August, 53 schools have had an outbreak of COVID-19.

An outbreak of COVID-19 in a school means there were  $\geq 2$  students or staff who could have been close contacts only in the school with confirmed COVID-19 within a 14-day period. An outbreak is closed after 28 days have passed without a new case that could have been transmitted in the school.

Of 53 COVID-19 outbreaks in schools, 44 (83%) are open and 9 (17%) are closed.



Of 235 school outbreak-associated COVID-19 cases, 174 (74%) are in students and 61 (26%) are in staff.



<https://phdata.maricopa.gov/Dashboard/e10a16d8-921f-4aac-b921-26d95e638a45?e=false&vo=viewonly>



# REMINDER! Benchmarks

- **Case Rates** – Number of new cases per 100,000 people in a select area
- **Percent positivity** – Percentage of PCR diagnostic tests confirmed positive out of all tests performed in a select area
- **COVID Like Illness** – Percent of people with symptoms of COVID 19 who visit ERs and hospitals. Reported on a county-wide basis only.

Benchmarks	Substantial	Moderate	Minimal
Cases	> 100 cases/100k	10-100 cases/100k	< 10 cases/100k
Percent Positivity	> 10%	5-10%	< 5%
COVID-like Illness	> 10%	5-10%	> 5%



# COVID-like Illness



- Syndromic surveillance system
- Administrative data from ER and hospital records
- Looks for specified groups of symptoms
- Used to monitor for various infection outbreaks and also for bioterrorism events
- Passive monitoring system; does not require active reporting by hospitals

# CLI Definition



- CLI identifies hospital visits where the patient has either fever or chills and also has a cough, difficulty breathing, or shortness of breath.
- Visits with COVID as a working or final diagnosis code are included, but visits with an influenza diagnosis code are excluded.



# Benchmarks and Dashboard

- $\geq 1$  benchmark in Substantial (**RED**) category for 2 or more weeks
  - Consult with MCDPH to determine whether to prepare to transition back to virtual learning with onsite support
- All three benchmarks in Substantial (**RED**) category
  - Recommend transition to virtual learning with onsite support in consultation with MCDPH
  - To request consultation, email [SchoolHealth@maricopa.gov](mailto:SchoolHealth@maricopa.gov)
- These are guidelines, not requirements

# Things to consider



- Cases within your schools
  - Ability to staff classrooms, etc.
- Ability to follow mitigation measures within school
  - Physical distancing
  - Masks
  - Staying home when sick
  - Hand hygiene
- Community norms on following mitigation measures
  - Attending large group activities



# REMINDER! Alternate diagnoses

- If a child has symptoms consistent with COVID-19 and is **not tested**, the MCDPH recommendation is to keep them out of school for the COVID isolation period (i.e., a minimum of 10 days)
- The only caveats are:
  - If the symptoms are clearly caused by a known chronic condition.
  - If there is an alternate **laboratory-confirmed** diagnosis (e.g., flu, Strep throat).
  - **NEW!** If the child received flu vaccine in past 24 hours, and has symptoms consistent with post-vaccine (mild muscle aches and/or headache)
    - Must have proof of receiving flu vaccine in the past 24 hours

# COMING SOON! New Process for Case Reporting



- Why change?
  - Increase in school-age cases exceeding MCDPH staff resources
  - Quarantines delayed due to # of cases and lab confirmation step
- What will change?
  - Schools will be asked to use a secure electronic survey to report cases
  - Once a case is reported, they will receive an e-mail with detailed instructions on how to do contact investigation and quarantine
  - MCDPH will investigate the case concurrently and reach out with investigation findings
  - MCDPH will continuously monitor for and contact school if cases meet outbreak criteria

# Pros & Cons: Feedback Important



## Pros

- Detailed instructions provided to school staff in writing & video
- Faster notification of parents of contacts
- Decreased school exposure risk
- School nurse empowered to move investigation forward
- Improved customer service from MCDPH investigators
- Faster time to case investigation
- FAX machine eliminated

## Cons

- School staff responsible for confirming that case is COVID positive
- School staff responsible for determining infectious period
- Increased risk of unnecessary student quarantine if case is not positive

# Your COVID Symptoms Questions



- Are there any new COVID symptoms reported?
  - Unusual COVID symptoms include
    - Blood clots and stroke
    - COVID toes
    - Delirium and other neurologic issues
    - Skin rashes
- Long-term side effects after having COVID
- Can a student have Strep and COVID at the same time? COVID and flu?
  - Will doctors test for both COVID and flu?





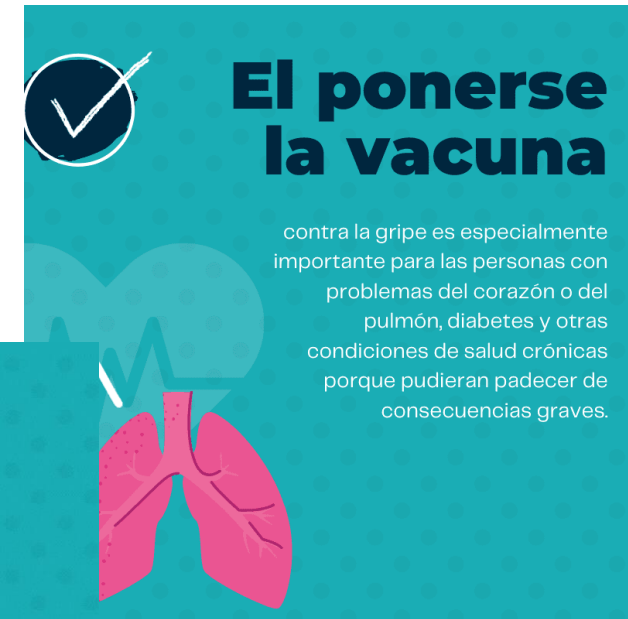
# Questions about testing

- Who should be tested at school?
- Should schools do COVID testing on students?
- Will rapid COVID tests be provided by the County?
- How else is MCDPH making testing widely available and easily accessible?

# Help Us Promote Flu Shots



- Includes graphics, GIFs, and text
- Link to toolkit on [Maricopa.gov/flu](https://Maricopa.gov/flu)
- All content has English and Spanish versions
- Please use on your district and school channels



# Questions?

<https://www.maricopa.gov/5493/K-12-Schools-and-Childcare-Facilities>



- Please visit [Maricopa.gov/coronavirus](https://www.maricopa.gov/coronavirus)
- [SchoolHealth@maricopa.gov](mailto:SchoolHealth@maricopa.gov)
  - (602)-506-6767
  - Past webinars and slides are posted to our website

## K-12 SCHOOLS AND CHILDCARE FACILITIES

- K-12 Schools in need of cloth face masks, classroom disinfectant and hand sanitizer can make a [Supply Request](#).

Reopening Dashboard & Guidance

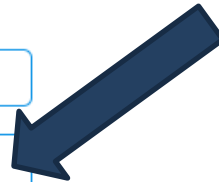
FAQs for Parents/Caregivers

Illness Monitoring and Reporting

Webinars

Guidance, Forms and Templates

Contact Us





JUST IN CASE

# NEW! Close Contact Definition Aligned with CDC



As of Monday 10/26/2020

## **Quarantine** Guidance for Household and Close Contacts of a Person with COVID-19

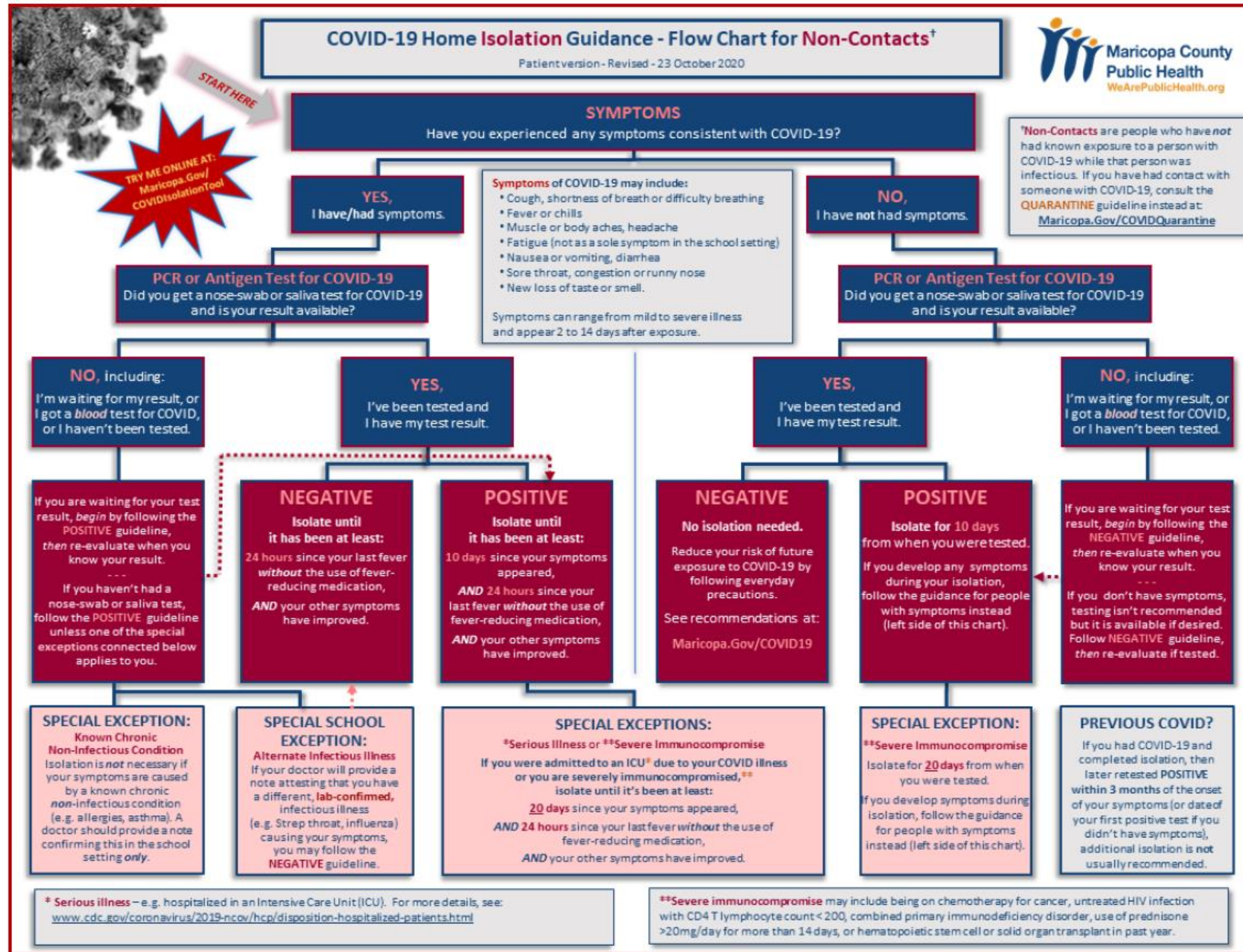
(rev. 23 Oct 2020)

If you were **within 6 feet** of a person with COVID-19 for a **cumulative total of 15 minutes or more over a 24-hour period** or had **physical contact** with a person with COVID-19, you need to stay in **quarantine** at home for **14 days**.



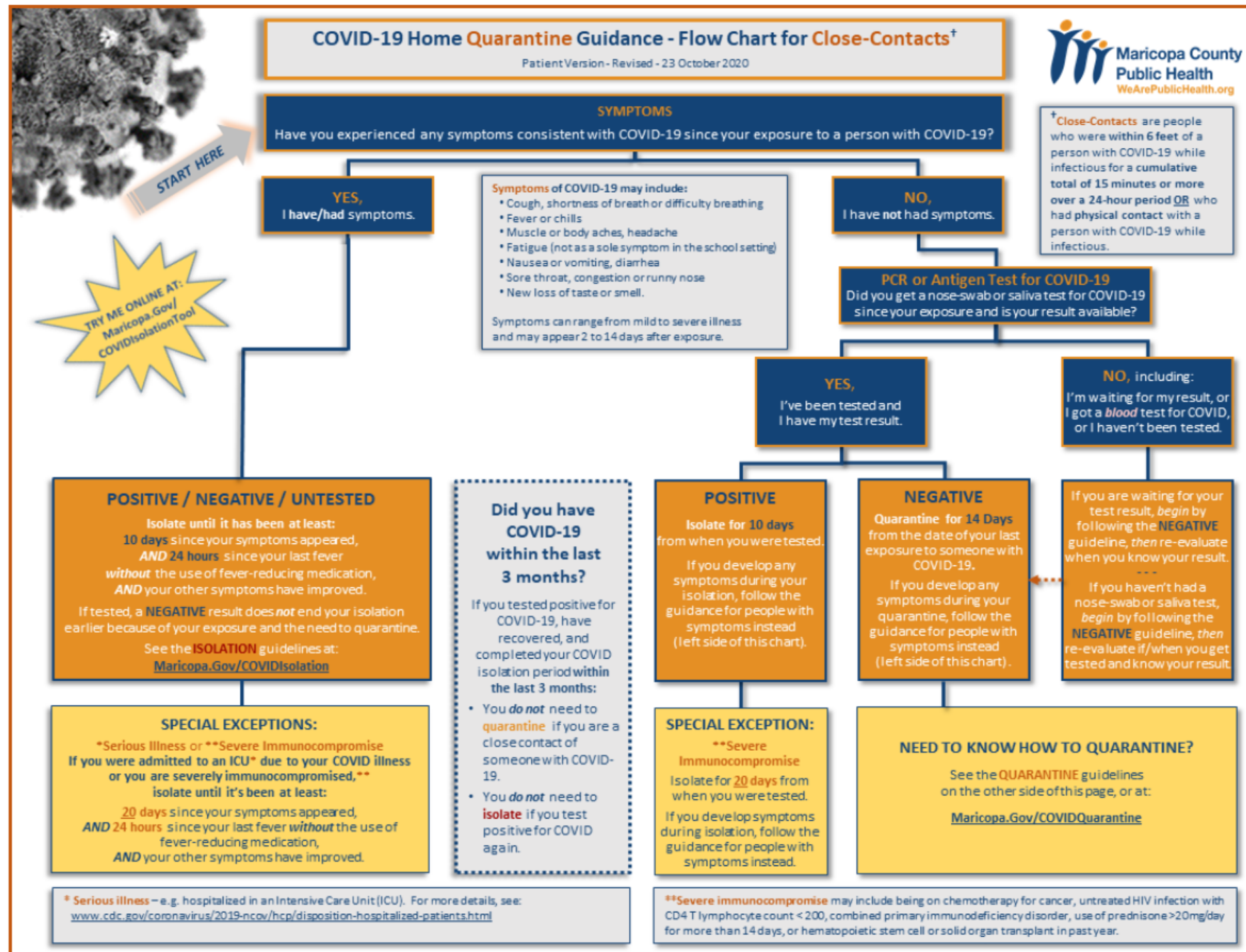
**Isolation** – for test-positive or symptomatic persons

- Updated isolation flow chart sent **Monday 10/26**
- No large substantive changes
  - Details pertinent in school settings
  - More logical flow



## Quarantine – for close contacts

- Updated quarantine flow chart sent **Monday 10/26**
- No large substantive changes
  - Details about what to do if symptoms develop
  - Details about what to do if infected in the past 3 months
  - More logical flow





# Athletics



- Maricopa County does not have regulatory authority over school sports
- Questions regarding interpretation of the AIA Guidelines should be directed to AIA
- Individual student-athletes who are ill or are close contacts of a COVID-positive person should follow normal quarantine or isolation guidance



# Counting Days for Isolation and Quarantine



- **Quarantine**
  - Day 0 begins when there is a close contact exposure
  - Lasts for 14 days – the incubation period for someone to develop COVID-19
  - Ends when 14 full days have passed
  - Return to school on day 15
  - A negative test (PCR, Antigen) or a positive antibody (serology) test does NOT ‘release’ from quarantine
- **Isolation**
  - Day 0 begins on the day symptoms start OR when an asymptomatic person has a positive test
  - Lasts for a MINIMUM of 10 days (may be longer if immunosuppressed, or certain other conditions apply)
  - Number of days is based on how long COVID-positive people can shed active virus
  - Ends after a minimum of 10 days have passed AND fever-free for 24 hours and other symptoms are improving